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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

Complete if Known

Application Number	09/516,493
Filing Date	March 1, 2000
First Named Inventor	Maureen J. Charro
Art Unit	1633
Examiner Name	S. Kaushal, Ph.D.

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U.S. PATENT DOCUMENTS

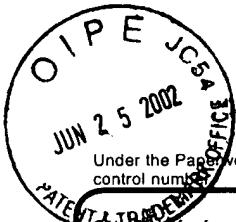
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Sheet

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Filing Date	March 1, 2000
First Named Inventor	Maureen J. Charron
Group Art Unit	1633
Examiner Name	S. Kaushal, Ph.D.
Attorney Docket Number	96700/613

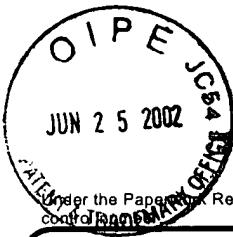
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Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
SK	1	AUSUBEL et al., Short Protocols in Molecular Biology, Third Edition, pp. 16-3 - 16-5, 16-58 - 16-62, 1995
SK	2	BRUNING, et al., A muscle-specific insulin receptor knockout exhibits features of the metabolic syndrome of NIDDM without altering glucose tolerance. Mol Cell, 2:559-69, 1998
SK	3	CALDERHEAD et al., Insulin regulation of the two glucose transporters in 3T3-L1 adipocytes. J Biol Chem, 265:13800-08, 1990
SK	4	CARTEE, et al., Stimulation of glucose transport in skeletal muscle by hypoxia. J Appl Physiol, 70:1593-1600, 1991
SK	5	CHAN and EXTON, A rapid method of the determination of glycogen content and radioactivity in small quantities of tissue or isolated hepatocytes. Anal Biochem, 71:96-105, 1976
SK	6	CHANG, et al., Overexpression of hexokinase II in transgenic mice. J Biol Chem, 271:14834-39, 1996
SK	7	CUSHMAN and SALANS, Determinations of adipose cell size and number in suspensions of isolated rat and human adipose cells. J Lipid Res, 19:269-73, 1978
SK	8	DEVASKAR and MUECKLER, The mammalian glucose transporters. Pediatr Res, 31:1-13, 1992
SK	9	DOEGE et al., GLUT8, a novel member of the sugar transport facilitator family with glucose transport activity. J Biol Chem, 275:16275-80, 2000
SK	10	DOUEN et al., Exercise Induces Recruitment of the "Insulin-responsive glucose transporter. J Biol Chem, 265:13427-30, 1990
SK	11	FOLEY, Rationale and application of fatty acid oxidation inhibitors in treatment of diabetes mellitus. Diabetes Care, 15:773-84, 1992

Examiner Signature	<i>Robert</i>	Date Considered	8/19/12
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**INFORMATION DISCLOSURE
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Sheet

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Filing Date	March 1, 2000
First Named Inventor	Maureen J. Charron
Group Art Unit	1633
Examiner Name	S. Kaushal, Ph.D.
Attorney Docket Number	96700/613

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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SC	12	FROEHNER et al., The blood-nerve barrier is rich in glucose transporter. J Neurocytol, 17:173-178, 1988	
SC	13	GARCIA DE HERREROS and BIRNBAUM, The acquisition of increased insulin-responsive hexose transport in 3T3-L1 adipocytes correlates with expression of a novel transporter gene. J Biol Chem, 264:19994-99, 1989	
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SC	19	HOLLOSZY and BOOTH, Biochemical Adaptions to endurance exercise in muscle. Annu Rev Physiol, 38:273-91, 1976	
SC	20	HOLMAN, et al., Cell surface labeling of glucose transporter isoform GLUT4 by bis-mannose photolabel. J Biol Chem, 265:18172-79, 1990	
SC	21	HURLEY et al., Muscle triglyceride utilization during exercise: effect of training. J Appl Physiol, 60:562-67, 1986	
SC	22	IBBERSON et al., GLUTX1, a novel mammalian glucose transporter expressed in central nervous system and insulin-sensitive tissues. The Journal of Biological Chemistry, 275:4607-12, 2000	

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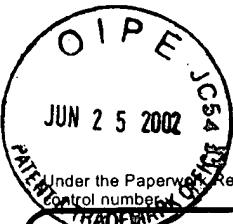
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Attorney Docket Number 96700/613

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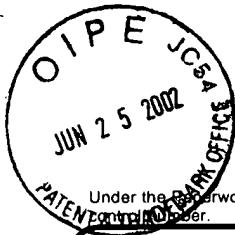
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SK	23	JENKINS et al., Effects of nonesterified fatty acid availability on tissue-specific glucose utilization in rats in vivo. J Clin Invest., 82:293-99, 1988	
SK	24	JOOST et al., Structure-function relationship of glucose transporters catalyzing facilitated diffusion. Exp Clin Endocrinol, 102:434-38, 1994	1
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SK	31	MURAKAMI et al., Enzymatic and genetic adaption of soleus muscle mitochondria to physical training in rats. Am J Physiol, 267:E388-E395, 1994	1
SK	32	NAKATANI et al., Effect of endurance exercise training on muscle glycogen supercompensation in rats. J Appl Physiol, 82:711-15, 1997	1
SK	33	OAKES et al., A new antidiabetic agent, BRL 49653, reduces lipid availability and improves insulin action and glucoregulation in the rat. Diabetes, 43:1203-10, 1994	✓

Examiner Signature	<i>SK</i>	Date Considered	8/19/02
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First Named Inventor	Maureen J. Charron
Group Art Unit	1633
Examiner Name	S. Kaushal, Ph.D.

Attorney Docket Number 96700/613

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SJ	34	OKUNO et al., Acute effect of troglitazone on glucose metabolism in the absence or presence of insulin in perfused rat hindlimb. Metabolism, 46:716-21, 1997	
SJ	35	OLSON and PESSIN, Structure, function, and regulation of the mammalian facilitative glucose transporter gene family. Annu Rev Nutr, 16:235-56, 1996	
SJ	36	OZCAN et al., Two glucose transporters in <i>Saccharomyces cerevisiae</i> are glucose sensors that generate a signal for induction of gene expression. Proc Natl Acad Sci U S A, 93:12428-32, 1996	
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SX	40	ROMIJN et al., Regulation of endogenous fat and carbohydrate metabolism in relation to exercise intensity and duration. Am J Physiol, 265:E380-91, 1993	
SX	41	SCHURMANN et al., Glucose transport activity and photolabeling with 3-[125I]iodo-4-azidophenethylamido-7-O-succinyldeacetyl (IAPS)-forskolin of two mutants at tryptophan-388 and -412 of the glucose transporter GLUT1: dissociation of the binding domains of forskolin and glucose. Biochem J, 290:497-501, 1993	
SX	42	SHEPHERD et al., Adipose cell hyperplasia and enhanced glucose disposal in transgenic mice overexpressing GLUT4 selectively in adipose tissue. J Biol Chem, 268:22243-46, 1993	✓
SX	43	STENBIT et al., Diverse effects of GLUT4 ablation on glucose uptake and glycogen synthesis in red and white skeletal muscle. J Clin Invest, 98:629-34, 1996	✓
SX	44	STENBIT et al., GLUT4 heterozygous knockout mice develop muscle insulin resistance and diabetes. Nature Med, 3:1096-1101, 1997	✓

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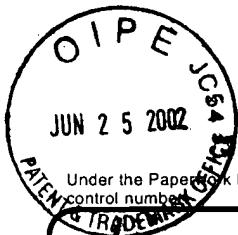
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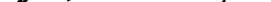
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